

Title (en)  
Pipe coupling

Title (de)  
Verbindung von Rohrleitungen

Title (fr)  
Raccord de tuyaux

Publication  
**EP 1092908 A3 20030514 (DE)**

Application  
**EP 00122190 A 20001013**

Priority  
DE 19949723 A 19991013

Abstract (en)  
[origin: EP1092908A2] The pipe connector for connecting a first (1) pipe with a sloping end (4) to a second (3) pipe comprises a sleeve (2) with a spherical surface. The second pipe is fitted with a spherical collar (8) which fits into the sleeve and can move inside it. The inside of the collar has a stepped surface (9, 10) which retains the pipe. A sealing ring (25) fits into an annular groove on the outside of the collar and seals the gap between it and the sleeve. An Independent claim is included for a manhole system in which the connector is used.

IPC 1-7  
**F16L 27/04**; **F16L 27/08**

IPC 8 full level  
**F16L 27/04** (2006.01); **F16L 27/06** (2006.01); **F16L 27/08** (2006.01)

CPC (source: EP)  
**F16L 27/06** (2013.01)

Citation (search report)

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- [A] DE 3807168 A1 19890914 - WESSEL WERK GMBH [DE]
- [A] WO 8700601 A1 19870129 - WARMAN INT LTD [AU]
- [A] US 2381426 A 19450807 - ALLEN LEONARD B, et al

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